

IN THE CLAIMS

1-18. (Cancelled)

19. (Currently amended) An entrainment device for a centrifugal rotor, the rotor comprising:

a rotor body, which is rotatable about a central rotational axis and delimits a separation chamber; and

an inlet device which is connected to the rotor body for rotation with the same and which delimits a central space for receiving of liquid, which is supplied to the centrifugal rotor, which central space is in communication with the separation chamber, the inlet device comprising;

a central body arranged centrally in the centrifugal rotor and surrounding said space, the central body at its one axial end having an opening which communicates with said central space; and

an entrainment device having entrainment members arranged in said space for entrainment of said liquid by the rotation of the centrifugal rotor, the entrainment device is in such an engagement to the central body that it is entrained in its rotation and is prevented to move axially relative the same;

the entrainment device comprising a first component, which surrounds the rotational axis and has at least one first projection, which has a radial extension, and a second component, which surrounds the rotational axis and has at least a second projection, which has a radial extension, the second component being axially introducible in said central space to a position, in which said second projection is present adjacent (near, close) said first projection; and

a locking member in releasable engagement with said projection projections, when said entrainment device substantially is in place in the central space, so that the second component substantially is prevented from moving axially relative the first component.

20. (Previously presented) An entrainment device according to claim 19, wherein the first component is arranged to be fixedly connected to the central body.

21. (Previously presented) An entrainment device according to claim 19, wherein the first component and the central body are formed as one piece.

22. (Previously presented) An entrainment device according to claim 19, wherein the first component has several first projections, which are distributed around the rotational axis and have a radial extension, leaving first interspaces between themselves, and the second component has several second projections, which are distributed around the rotational axis and have a radial extension, leaving second interspaces between themselves, said locking member being arranged to be in engagement with several of said projections at the respective components.

23. (Previously presented) An entrainment device according to claim 22, wherein the second component is axially insertable in said central space to a position, in which said second projections is axially situated at the same level as said first projections at the first component in said first interspace.

24. (Previously presented) An entrainment device according to claim 22, wherein the second component is axially in said central space to a position, in which said second projections have passed said first projections at the first component in said first interspace.

25. (Previously presented) An entrainment device according to claim 24, wherein said locking device is substantially annular, is arranged to extend around said rotational axis and is applicable in a space axially formed between the first and the second projections when the second projections have passed the first projections.

26. (Previously presented) An entrainment device according to claim 19, wherein said locking device is substantially annular and arranged to extend around said rotational axis.
27. (Previously presented) An entrainment device according to claim 26, wherein the substantially annular locking device is resilient so that surrounding parts of the same are movable towards and away from the rotational axis.
28. (Previously presented) An entrainment device according to claim 27, wherein the substantially annular locking device has a discontinuance in its extension around the rotational axis.
29. (Previously presented) An entrainment device according to claim 28, wherein the substantially annular locking device has a substantially circular cross-section.
30. (Previously presented) An entrainment device according to claim 28, wherein the substantially annular locking device has a substantially U-shaped cross-section with the opening directed away from the rotational axis.
31. (Previously presented) An entrainment device according to claim 22, wherein said projections on the one as well as the other component extend radially in the same direction.
32. (Currently amended) An entrainment device according to claim 31, wherein said projections on the one as well as the other component extend radially inwards towards the rotational axis.
33. (Previously presented) An entrainment device according to claim 19, wherein said projections are arranged to be placed within the central body.

34. (Previously presented) An entrainment device according to claim 19, wherein the second component comprises at least a third projection extending away from the rotational axis and arranged to be inserted into a recess formed in the central body, thereby preventing the relative rotational motion between the second component and the central body.

35. (Previously presented) An entrainment device according to claim 19, wherein said entrainment member comprises radially and axially extending vanes.

36. (Previously presented) An entrainment device according to claim 19, wherein the entrainment member comprises a stack of annular discs placed to said central body and each other.